# The Oregon Watershed Restoration Reporting Form 2002 $_{02/25/03}$

<b>Read the General Directions.</b> This For multi-year projects, complete a s <i>Habitat Restoration and Enhancen</i>	eparate form for each	year. You must include a m	ap of the project. See	the Oregon A	quatic
1) DATE:	2) T	his report is an UPDATE fo	r a multi-year project	☐Yes ☐No	
3) Participant and Funding I watershed councils, local, state, or flandowners, etc. Under 'funding an value of <i>donated</i> materials, labor &	ederal agencies, SWC <b>nount'</b> write participan	Ds, conservation or sporting ts' cash (C\$) and/or inkind	g groups, job or volur (I\$) contributions to t	nteer programs the project. I\$	, other private
your organization na	ame	your name	phone number	1	g amount
your e-mail addre	ss:			C\$	I\$
landowner name		contact person	phone number	funding	g amount
MINTO VIICE IMMIC		contact person	phone number	C\$	I\$
organization name or grant program	grant number (if applicable)	contact person	phone number	funding	g amount
				C\$	I\$
				C\$	I\$ I\$
				C\$	I\$
				C\$	I\$
4) TOTAL COST (This should equactivities reported in sections A-G				C\$	I\$
Restoration Project Location  5) STREAM NAME TRIBUTARY OF:					
6) TOWNSHIP RANG	GE SEC	COUNTY			
7) DOMINANT LANDUSE TYPE:  urban residentia		· _			
Restoration Project Informat	tion				
B) PROJECT NAME:					
9) PROJECT DATES: Start (mo)	(yr)	Completion (mo)(y	vr) ( <u>do not</u> r	eport planned	projects)
10) SPECIES: Does this project inte If YES: Which ones?					
☐ Watershed Assessment/Ac	PROJECT SITE SELECTION: How was restoration project selected/prioritized? (check one box & answer associated questions)  Watershed Assessment/Action Plan Name Conducted by Year				
Other (describe <i>how</i> restoration need was identified, and <i>why</i> project <i>location</i> and <i>activity</i> were chosen)					

Send to: Bobbi Riggers, OWEB, 28655 Hwy 34, Corvallis, OR 97333 ph (541) 757-4263 ext 235 fax (541) 757-4102 e-mail: Bobbi.Riggers@orst.edu

02/25/03

12) Will the EFFECTIVENESS of the restoration project be MONITORED?

Yes No If YES, see next question

13) Are you participating in the Oregon Dept. of Forestry Monitoring Program for this project? Yes No If NO, fill out Section H

02/25/03

#### **Section A: INSTREAM Activity**

Instructions: Report in-channel activities designed to improve aquatic habitat conditions. For Fish Passage Improvements, go to Section F. In the table, check each appropriate project activity box and fill in all details requested for that activity. Leave blank any questions that do not apply to your project. If project activity is not listed, describe the project under "Other".

If this form is being used to comply with conditions of the Portland District Army Corps of Engineers (Corps) Regional General Permit (RGP) No. 2000-001 for placement of large wood or boulders, refer to the RGP for additional reporting requirements. Photos of the completed work are encouraged for projects under the RGP. Other types of authorizations or permits may be required from DSL and/or the Corps for other types of instream activity not covered by the RGP. Mark and label clearly on a map the location of the project activity.

Number:	or ODF Notification or oject covered under RGP no. 2000-001 for log or boulder placement?			
1. PROJECT GOAL structure & comp interaction w/ floo gravel recruitmen other	dplainrearing habitatsummer habitatfish passage tincrease poolsstreambank stabilization			
2. COST: Cash \$miles	Inkind \$ 3. TOTAL MILES of stream treated:			
ACTIVITY	<b>DESCRIPTION</b> of Treatment			
Large Wood	key pieces = logs at least two times bankfull stream width (1.5 times if rootwad attached) and meet diameter, stream size, and slope requirements outlined in the ODF/ODFW Large Wood Placement Guide)			
Placement  (Logs not anchored with cable, boulders, rebar, etc total # of structures placedtotal # of key pieces pl				
allowed to set up naturally or wedged against log length: ft log diameter: in				
streambank or riparian trees) log placement associated with forestry operation (ODF21)	stream characteristics where logs were placed (list range if necessary) bankfull width:ft gradient:% bankfull depth:ft method of placement: other details:			
Boulder Placement (not anchored)	# of boulders placed av size cu yds source of boulders bankfull width: ft gradient: % bankfull depth: ft method of boulder placement			
Anchored Structures	# of anchored structures structure materials: \[ \] logs \[ \] rootwads \[ \] boulders \[ \] other anchored with: \[ \] rock/boulders \[ \] cable \[ \] rebar \[ \] other			
Engineered Structures	☐ full-spanning weirs# materials used:   ☐ deflectors _# materials used:   ☐ 'V' structures# materials used:			
Off-Channel Habitat	Side channels: a) created/excavated:# and lengthft  or b) reconnected to stream:# and lengthft  Alcoves created: a)# with or b)# without tributary/spring input  Off-channel ponds created: a) # with or b) # without tributary/spring input			

☐ Instream	Priority date	Rate (cfs)	Type of Acquisition	Stream Reach/Point	Term (years)
Water Right					
Transfers/Leases					
Other (specify)					

02/25/03

#### **Section B: RIPARIAN Activity**

Instructions: Check (x) project goals and fill in project costs. In the table, check each appropriate project activity box and fill in all details requested for that activity. Leave blank any questions that do not apply to your project. If project activity is not listed, describe the project under "Other". Mark and label clearly on a **map** the location of each treatment area.

	, i	
future stream shading other goals		on/protectionrun-off contaminant input am sedimentationlivestock access to stream
2. 0001. 0mm 4		
ACTIVITY	$\underline{\mathbf{L}}$ = length in linear stream miles; $\underline{\mathbf{setback}}$ =	ATMENT AREA fence distance from high water mark (list range if necessary)
☐ Riparian Planting ☐ conifer ☐ hardwood ☐ both	(if part of hardwood conversion, report be Lmi riparian acres planted_	,
Riparian Fencing [for other fencing (e.g. pasture, cross-fencing) go to Section D]	Lmi setbackstream characteristics where fence was constantfull width:ft	
unit. For each Treatment A Treatn ODF62 = no harvest in RM	rea, check (X) the measure applied and an nent Areas, attach another Section B and lai A; <b>ODF19</b> = max 25% harvest of excess BA	or separate stream treatment areas within each harvest swer all questions in that row. If there are more than 3
Treatment Area 1  ODF □62 □19 □20  ODF 22 □ a □ b □ c	stream type: □N□F stream size:□sm □med □large stream sides treated: □one □two	trees retained along miles of stream average width of leave tree area per side ft leave tree area acres
Treatment Area 2  ODF □62 □19 □20  □ODF 22 □ a □ b □ c	stream type: □N□F stream size:□sm □ med □large stream sides treated: □ one □ two	trees retained along miles of stream average width of leave tree area per side ft leave tree area acres
Treatment Area 3  ODF □ 62 □ 19 □ 20  □ ODF 22 □ a □ b □ c	stream type: □N□F stream size:□sm □ med □ large stream sides treated: □ one □ two	trees retained along miles of stream average width of leave tree area per side ft leave tree area acres
ODF 8: Riparian Conifer Restoration (formerly hardwood	stream type: □N□F	(in conversion blocks only) conifer restoration alongmiles of stream

02/25/03

#### **Section C: WETLAND Activity**

Instructions: Answer all the questions in the top section. In the table, fill in the row(s) that best describe your project. Mark and label clearly on a **map** the location of each treament area.

and label clearly on a <b>map</b> the location of each treament area.					
DSL Permit Number:	or ODF Notification Number:				
1. PROJECT GOALS: to increase					
storage capacity of wetlandnet area of wetlandvegetation to filter runoffvegetation to provide shadevegetation for flood controlvegetation for food, cover or nesting	water to stream during low flowsconnection to adjacent natural areathe number of wetland types at site				
2. Is project site protected by a CONSERVATION	EASEMENT? Yes No				
3. Project site is CONNECTED TO:  ☐ stream or river ☐ lake or reservoir ☐ obody	other fresh waters				
4. Land/wetland type in project area BEFORE TRE.  non-wetland grass/herb meade agricultural wetland shrub or forest w  5. COST: Cash \$ Inkind \$	ow wetland				
ACTIVITY (conditions after treatment)	<b>DESCRIPTION</b> of treatment				
acres of filled or drained wetland returned to: grass/herb meadow wetland shrub or forest wetland open water wetland (>6ft. deep)					
acres of non-wetland created into: grass/herb meadow wetland shrub or forest wetland open water wetland (>6ft. deep)					
acres of existing wetland improved: grass/herb meadow wetland shrub or forest wetland					
open water wetland (>6ft. deep)	1				

# The Oregon Watershed Restoration Reporting Form 2002 Other (describe)

#### Section D: UPLAND, GRAZING, and IRRIGATION MANAGEMENT

Instructions: Report upland, grazing, and irrigation projects designed to reduce erosion, improve water quality, increase stream flow, promote native riparian vegetation growth, and other watershed benefits. Check (x) project goals and fill in project costs. In the table, check (x) the management category on the left. Fill in the type(s) and units of conservation practices applied. If project activity is not listed, describe the project under "Other". Mark and label clearly on a **map** the location of the project activity.

sted, describe the project under "Other	• • • • •	*	
1. PROJECT GOALS: to incr	ease or improve	to decrease	
ups	lope soil stability	erosion/stream sec	dimentation
stre	eambank stability	run-off contamina	ant input to stream
LW	VD recruitment to stream	stream temperatu	re
futi	ure shading to stream	livestock access t	o stream
nat	ive plant species composition		
upl	and water storage capacity		
other			
stre	eam flow bycu ft/	sec	
2. COST: Cash \$	Inkind \$		
MANAGEMENT	TYF	PE	UNITS System or
CATEGORY	of System or Pra	actice Applied	Practice Applied to
	type 1:		# of water developments
Grazing Management: off-channel livestock	type 2:		# of water developments
on-chainlei hvestock			<del> </del>

MANAGEMENT CATEGORY	TYPE of System or Practice Applied	UNITS Sy Practice A		
	type 1:	# of water of	levelopments	
Grazing Management: off-channel livestock	type 2:	# of water of	levelopments	
watering	type 3:	# of water of	levelopments	
S	type 4:	# of water of	levelopments	
☐ Other grazing	type 1:		acres	
management practices	type 2:		acres	
report riparian fencing to restrict livestock stream access	type 3:		acres	
in Section B	type 4:		acres	
	type 1:	acres		
Irrigation systems	type 2:	acres		
for improved water conservation	type 3:	acres		
	type 4:	acres		
	type 1:	acres		
Erosion control	type 2:	acres		
systems/practices	type 3:	acres		
	type 4:	acres		
C	type 1:	miles	acres	
Conservation buffers	type 2:	miles	acres	
	type 3:	miles	acres	
	type 4:	miles	acres	

02/25/03			
Other (specify)	describe:		

02/25/03

#### **Section E: ROAD Activity**

Instructions: Report projects designed to decrease risk of road failure and reduce chronic sediment input from **existing roads** (<u>not</u> new roads). *For Fish Passage Improvements, go to Section F*. **Do not report** any repairs required by the Oregon Department of Forestry, new road construction, or routine road maintenance including: surface grading, berm removal, spot rocking, essential ditch cleaning, culvert cleaning, or water bars. **Do not double count activities**. If project activity is not listed, describe the project under "Other activities". Mark clearly on a **map** the length of road or location on the road where improvement work was completed. Road inventories may be summarized by 4<sup>th</sup> or 5<sup>th</sup> field watersheds (e.g., Siletz, McKenzie, N Fork John Day). A map is not necessary for road inventories. **1 Station = 100 ft** 

ODF Notification Number:	
1. PROJECT GOALS: to increase or imp	prove to decrease
upslope stabili	tyerosion/stream sedimentation
road/upslope o	drainagerun-off contaminant input to stream
flood/slide rep	
	washout/diversion potential at stream crossings
2. COST: Cash \$	Inkind \$
IMPROVEMENT ACTIONS: (only include u	areported road work accomplished for the year)
<b>1.</b> $\square$ <b>Road Inventory</b> =miles of road s	surveyed using ODF Road Hazard Inventory Protocol or equivalent
2. Peak Flow Passage Improvements at	t Stream Crossings (for Fish Passage improvements, go to Section F)
	d, not replaced (if reported in fish passage section, do not repeat here)
	eet 50+ year flow requirements (if reported in fish passage section, do <u>not</u> repeat her
<del>-</del>	proving inlet condition (if reported in fish passage section, do <u>not</u> repeat here)
•	roved for Peak Flow Passage (Do Not Double Count)
3.  Surface Drainage Improvements (door	_
a)# of permanent cross-drains	
b)# of culverts added at location	
c)# of existing culverts with ou	
	Improved for Surface Drainage (Do Not Double Count)
d)# of stations of quality hard r	
e)# of stations of rocking down	
_	Rocking for Surface Drainage (Do Not Double Count)
4. ☐ Sidecast/Landslides	
a)# of stations pulled back and	stabilized
b)# of large landslides stabilized	i
5. ☐ Road Relocation or Vacating	
a)# of stations obliterated, dec	ommissioned, or vacated as per OAR 629-625-650
	d to public use *(do not duplicate 5.a)*
c)# of stations relocated outsid	e RMA or stream banks
d)# of stations relocated to red	uce washout potential *(do not duplicate 4.b or 5.c)*
6. ☐ Grass Seeding	
a)# of miles of grass seeding an	d mulching
Send to: Robbi Riggers OWER 28655 Hwy 34 Corve	llis OR 97333 ph (541) 757-4263 ext 235 fax (541) 757-4102 e-mail:

Bobbi.Riggers@orst.edu

# The Oregon Watershed Restoration Reporting Form 2002 $_{02/25/03}$ 7. ☐ Other Activities: \_\_\_\_\_\_

02/25/03

#### **Section F: FISH PASSAGE Improvements**

**Instructions:** This Section should be used for all Fish Passage Improvement projects that address a migration barrier problem. *Only report projects that provide both juvenile and adult passage*. If project activity is not listed, describe the project under "Other activities". Mark and label clearly on a **map** the location of the fish passage project.

DS	SL Permit Number: or ODF Notification Number:					
FIS	FISH PASSAGE INFORMATION:					
1.	Target Fish Species: Coho steelhead chinook cutthroat other (specify)					
2.	Have the target fish species historically inhabited the area upstream of the barrier(s)?  Yes No					
3.	Fish habitat extended due to this fish passage project (If you do not have this information, consult local ODFW office) miles of habitat opened that were previously <i>inaccessible</i> for both adults and juveniles miles of habitat opened that were previously <i>inaccessible</i> for juveniles, <i>accessible</i> for adults miles of habitat that were previously <i>accessible</i> for both juveniles and adults- access was improved					
4.	COST: Cash \$ In-kind \$					
חח						
	OJECT ACTIVITIES:  Road/Stream Crossings Improved for Juvenile and Adult Fish Passage					
1.	a)# of culverts/structures removed and not replaced					
	b)# of culverts/structures replaced with bridge					
	c)# of culverts/structures replaced with open bottom arch culverts					
	d)# of culverts/structures replaced with culverts placed embedded or flat					
	f)# of culverts/structures retrofitted [e.g., adding roughness (weirs, baffles, etc.) into existing culverts]					
	g)# of culverts with rock or log weirs installed below outlet					
	TOTAL # of Road/Stream Crossings Improved for Fish Passage (Do Not Double Count!)					
2	☐ Other Fish Passage Improvements (fish ladders, tidegate replacements, push-up dams retired, etc.)					
	a)# of culverts/structures installed to allow side channel access					
	b)# of fish ladders installed					
	c)# of fish ladders improved					
	d)# of push-up dams permanently removed; replaced with					
	e)# of irrigation diversions with fish screens installed					
	f)# of modified with					
	(type of diversion) (type of modification)					
3	Additional Details:					
J.	Auditional Details.					
4.	4. Other Activities:					
	16 OHOL 12001H005					

#### The Oregon Watershed Restoration Reporting Form 2002 02/25/03

#### **Section G: Urban Impact Reduction Activity**

Instructions: Report projects designed to reduce erosion, improve water quality, and enhance aquatic habitat. For Riparian restoration activities, go to Section B. For Fish Passage Improvements, go to Section F. Under "Project Activities", check (x) the activity on the left and enter the relevant information that quantifies the activities and the significance (% urban area or % watershed affected). If project activity is not listed, describe the project on the blank spaces provided or under "Other Projects". Costs for construction where required by code should not be included.

New Section G for reporting Urban Projects!! TOTAL COST for Urban Activities Listed Below: Cash \$\_\_\_\_\_ Inkind \$\_\_\_\_\_ PROJECT ACTIVITIES: 1. Water Quality Projects:

Activity	Number or Area (please label units)	% Urban Area Affected	Cost
□Bioswales	#		Cash \$ Inkind \$
☐ Wet Detention Facility	#		Cash \$ Inkind \$
Storm & Sanitary Sewer Separation	linear feet		Cash \$ Inkind \$
☐ Street sweeping	miles		Cash \$ Inkind \$
☐ Catch Basin Cleaning	#		Cash \$ Inkind \$
☐ Pesticide Use Reduction	acres		Cash \$ Inkind

Cash \$ Inkind

Cash \$ Inkind

Cash \$\_\_\_\_\_ Inkind

2. Water Quanity Projects:

Other

☐ Other

Other

Activity	Number or Area (please label units			Cost
☐ Off Channel Floor	_	S) THOUTHOUGH	Cash \$	Inkind
☐ Detention Facility	y		Cash \$	Inkind
Other			Cash \$	
Other			Cash \$	
3. Other Projects:				
Other			Cash \$	Inkind
Other			Cash \$	Inkind
Other			Cash \$	Inkind
questions in the top section the table, check (X) the boundaries before and after	Section H: Project the type of monitoring used to evaluate. Please omit monitoring costs from exest that apply, identify the monitoring the project was implemented. (example 3 tooth, duration = 3 years; example 3	luate the progress and e m cover sheet totals and ng methods or protocols nple 1: frequency = onco	ffectiveness of you instead include the sused, and the free e per year, duration	em under this section. In quency and duration of on = 20 years; example 2:
Monitoring Implemented by	by Which Organization(s):			
Best Contact Person for M	Ionitoring Information (with phon	e number):		
Monitoring Funded by Whi	nich Organization(s):			
Monitoring Cost per Year:	: \$	Amount Spent to Da	e: \$	
Monitoring	Monitoring		reatment	Post-Treatment Frequency Duration

02/25/03 Physical Measures instream habitat -channel morphology -substrate -woody debris -other riparian vegetation upland vegetation stream flow **Biological Measures** adult fish sampling iuvenile fish sampling macroinvertebrates other Water Quality Measures temperature suspended sediment dissolved oxygen chemistry fecal coliform other Other Measures fish passage effectiveness slope stability project inspection Briefly describe results to date:\_\_\_\_\_